CLAIMS

1. A fingerprint recognizing apparatus comprising:
a sensor section mounted on the apparatus body for detecting a fingerprint of an operator;
a cover movable between an open position and a closed position for protecting the sensor section in such a manner that an operator's finger can access the sensor section when the cover is in the open position; and
a contact section arranged on the apparatus body at a position where the operator's finger can easily come into contact therewith during an operator's action to open the cover, the contact section being electrically connected to the ground of the apparatus body.

2. A fingerprint recognizing apparatus, as set forth in claim 1, wherein the cover has one free end and another base end and is moved between the open and closed positions by means of a hinge provided at the base end of the cover.

3. A fingerprint recognizing apparatus, as set forth in claim 2, wherein the contact section is arranged in a recess which is provided on the apparatus body at a position near to the free end of the cover when it is in the closed position.

4. A fingerprint recognizing apparatus, as set forth in claim 2, wherein the free end of the cover is gently curved in such a manner that a central portion thereof is protruded outwardly more than respective side portions thereof.

5. A fingerprint recognizing apparatus, as set forth in claim 4, wherein the recess and the contact section are also curved along with a curvature profile of the recess.

6. A fingerprint recognizing apparatus, as set forth in claim 1, further comprising a locking means for locking the cover in its closed position, the locking

means comprising a first engaging member provided at the free end of the cover and a second engaging member provided at a position corresponding to the first engaging member so that the first and second engaging members are mutually engaged with each other when the cover is in its closed position.

7. An electrical unit including a fingerprint recognizing apparatus, said unit comprising:

a unit casing;

the fingerprint recognizing apparatus mounted on the unit casing for detecting a fingerprint of an operator, the apparatus comprising:

a sensor section;

a cover movable between an open position and a closed position for protecting the sensor section; and

a contact section arranged at a position on the unit casing where an operator's finger can easily come into contact therewith when the cover is opened by the operator, the contact section being electrically connected to the ground of the unit casing.

8. An electrical unit, as set forth in claim 7, wherein the cover has one free end and another base end and is moved between the open and closed positions by means of a hinge provided at the base end of the cover.

9. An electrical unit, as set forth in claim 8, wherein the contact section is arranged in a recess which is provided on the unit casing at a position near to the free end of the cover when it is in the closed position.

10. An electrical unit as set forth in claim 9, wherein the free end of the cover is gently curved in such a manner that a central portion thereof is protruded outwardly more than respective side portions thereof.

11. An electrical unit, as set forth in claim 10, wherein the recess and the contact section are also gently curved along with a curvature profile of the recess.

12. An electrical unit, as set forth in claim 7, wherein the fingerprint recognizing apparatus further comprises a locking means for locking the cover in its closed position, the locking means comprising a first engaging member provided at the free end of the cover and a second engaging member provided at a position corresponding to the first engaging member so that the first and second engaging members are mutually engaged with each other when the cover is in its closed position.

13. An electrical unit, as set forth in claim 7 further comprising a ground contact plate which is rigidly connected to the unit casing, the contact section is formed as a part of the ground plate.

14. An electrical unit, as set forth in claim 7 further comprising a mounting plate for rigidly securing the fingerprint recognizing apparatus to the unit casing by means of screw.

15. An information processing unit including a fingerprint recognizing apparatus, said unit comprising:

a unit body comprising a data input section and a data processing section for processing data input from the data input section;

a display section for displaying letters and images; and

the fingerprint recognizing apparatus mounted on the unit casing for detecting a fingerprint of an operator, the apparatus comprising:

a sensor section;

a cover movable between an open position and a closed position for protecting the sensor section; and

a contact section arranged at a position on the unit casing where an operator's finger can easily come into contact therewith when the cover is opened by the operator, the contact section electrically connected to the ground of the unit casing.